



Key switch

Digital temperature display

Forced-air cooling

Minimum/maximum
temperature memory

6 Shelves

Visual and audible
alarm signal

Comfortable access

Automatic defrosting

Connection for forward-
ing alarms and for PC-
supported temperature
documentation

Low-noise compressor

Antifreeze



Low-noise compressor

Reduces noise by 10 dB to 40 dB (corresponds to noise level I; sounds perception: whisper).



Interior protected

Possible static charges are prevented by a dissipation system.

LABEX® -

465/-468 II 3 G Ex c IIB T6



- **External housing** made from galvanised sheet steel (rust-proof), with white, anti-scratch powder coating. Length of the plug cable: approx. 1.8 m.
- **Adjustable feet** at the front to compensate uneven floors.
- **Interior** made from smooth aluminium with colourless protective coating. Gibs (every 15 mm) for flexible interior arrangement.
- **Interior consists** of six shelves on overlays.
- **Extra-thick 55-mm insulation**, made from high-quality, compression-moulded and environmentally friendly material. Energy saving.
- **Self-closing door** with easy-to-replace plastic magnetic seal frame, lockable.
- **Door hinge** on the right-hand side (by default, see illustration), or the left-hand side, can be retrofitted.
- **Automatic defrosting** with time limit and temperature monitoring.
- **Removable condensation container.**
- **Key switch** protected control panel against tampering. Membrane keyboard with digital temperature display and minimum/maximum temperature memory. Control and display sensors protected by safety barriers.

- **Warning functions** with visual and audible alarm signal in the case of temperature deviations or other malfunctions. Door open alarm after 60 seconds (only LABEX®-468).
- **Alarms** can be forwarded using a potential-free contact (e.g., to a mobile phone with optional GSM-Module or to a control centre).
- **RS485 interface** for connecting to PC-supported temperature documentation (using the optional KIRSCH-PC-KIT).
- **Antifreeze** against sub-zero temperatures.
- **Ventilation-enforced refrigerating machine**, hermetically sealed, energy saving, low-noise, easy to service.
- **Low-noise compressor** reduces noise by 10 dB to 40 dB (corresponds to noise level I; sound perception: whisper).

*LABEX®-468 additional equipment:

- **Forced-air cooling** (axial fan is protected), switches off automatically when you open the door, ensures a uniform temperature and minimizes temperature deviations.

Specification

	LABEX®-465	LABEX®-468
Capacity	460 litres	460 litres
Temperature setting	approx. +2 °C to +20 °C	approx. +2 °C to +20 °C
Voltage	220 – 240 V, 50/60 Hz	220 – 240 V, 50/60 Hz
Power consumption	160 watts	170 watts
Normal consumption	0.85 kWh/24 h	1.00 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C	from +10 °C to +38 °C
Heat emission (max.)	233 watts	240 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 74 x 75 x 181 cm	w x d x h = 74 x 75 x 181 cm
Interior dimensions	w x d x h =* 60 x 57 x 128 cm	w x d x h =* 60 x 57 x 128 cm
Exterior dimensions with door open at 90°	w x d = 74 x 139 cm	w x d = 74 x 139 cm
Shelfsize	w x d = 59 x 50 cm	w x d = 59 x 50 cm
Max. load shelf	40 kg	40 kg
Weight	Net weight 110 kg, gross weight 123 kg	Net weight 112 kg, gross weight 125 kg

*usable depth 5 cm less.

Optional equipment

- **Glass door with lock.**
- **Power failure alarm** (visual and audible alarm), the monitoring unit remains in operation for approx. 72 hours on battery power.
- **Decorative door frame** for attaching the customer's decorative plates.
- **Door fitting** (two pieces required).
- **Equipped with castors.**
- **Drawer on roller runners** w x d x h = 57 x 43 x 5.6 cm (a maximum of eleven drawers is possible).
- **Additional length and cross dividers** (for drawer).
- **Additional shelf** on rails or overlays.
- **Basket on rails** w x d x h = 60 x 45 x 10 cm.
- **Aluminium tray** with rails w x d x h = 60 x 45 x 2.5 cm.
- **GSM-Module** for alarm text message transmission (e.g., to a mobile phone).
- **Temperature documentation:** see detailed information on page 56.